

ABSTRACT

The present involves an anti-rotation piston for a swash plate compressor assembly having a piston-receiving bore and an anti-rotation groove formed adjacently therein. The anti-rotation piston comprises a body and a skirt extending from the body. The body has a first radius of curvature and first and second ends. The body complements the bore so that the body is slideably moveable within the bore. The skirt extends from the second end of the body and has an arcuate outer surface which complements the groove so that the skirt is slideably moveable along the groove. The skirt has a second radius of curvature which is greater than the first radius of curvature. The second radius of curvature is offset from the first radius of curvature so that the body and the skirt have differing axes of rotation which prevents the piston from rotating.